

# INTERNATIONAL SEARCH REPORT

PCT/IB2004/004207

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B60L11/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B60L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/053950 A1 (HASEGAWA YUSUKE ET AL) 20 December 2001 (2001-12-20) page 1, paragraph 7 - page 2, paragraph 20 page 5, paragraphs 90,91 abstract	1-7
X	US 2003/148154 A1 (KAWASUMI EMI ET AL) 7 August 2003 (2003-08-07) page 4, paragraphs 60,61; figure 9 abstract	1-7
X	US 2002/136935 A1 (IWASAKI YASUKAZU) 26 September 2002 (2002-09-26) page 2, paragraphs 36,37; figure 4 abstract	1-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

06/04/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 291 949 A (TOYOTA JIDOSHA KABUSHIKI KAISHA) 12 March 2003 (2003-03-12) column 1, line 19 - column 2, line 3 abstract -----	1-7
A	NADAL M ET AL: "DEVELOPMENT OF A HYBRID FUEL CELL/BATTERY POWERED ELECTRIC VEHICLE" INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, ELSEVIER SCIENCE PUBLISHERS B.V., BARKING, GB, vol. 21, no. 6, June 1996 (1996-06), pages 497-505, XP000587909 ISSN: 0360-3199 the whole document -----	1-7

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			CN	1457524 A	19-11-2003
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